



CHEMICON International, Inc. 28835 Single Oak Drive • Temecula, CA 92590

Phone: 909-676-8080 • 800-437-7500 • Fax: 909-676-9209

custserv@chemicon.com • techserv@chemicon.com • www.chemicon.com

MOUSE ANTI-CHICKEN INTEGRIN ALPHA6 MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB13444
LOT NUMBER:	19100088
QUANTITY:	100 µg
SPECIFICITY:	Reactive with chicken integrin alpha6, as demonstrated by experiments with cDNA-transfected NIH3T3 cells followed by immunoblots.
IMMUNOGEN:	Integrin alpha subunits purified from adult chicken brain tissue, denatured in 6M guanidine isothiocyanate, and depleted of beta1 subunit.
ISOTYPE:	Mouse Immunoglobulin
CLONE NAME:	BnC6B4 (α6C6)
APPLICATIONS:	<p>Western blot</p> <p>Immunoprecipitation: Precipitates the monomeric alpha6 subunit after the dimeric receptor has been denatured, but does not precipitate the native receptor.</p> <p>Immunohistochemistry: Effective for immunohistochemistry of methanol-fixed cryosections. An overnight methanol fix is suggested. Previous experiments have used 14 micron sections of chicken embryonic tissue. Typical antibodies dilutions are 35 µg/mL, with overnight antibody incubation, followed by detection with a goat anti-mouse Ig – FITC secondary antibody.</p> <p>Immunocytochemistry: Effective for methanol-fixed cultured cells (15 minute fixation).</p> <p>Immunoblot: Recognizes a 130 kDa band in chicken brain tissue and a 140 kDa band in transfected NIH3T3 cells (the difference in molecular weight is likely due to differential glycosylation).</p> <p>Optimal working dilutions must be determined by end user.</p>
SPECIES REACTIVITIES:	Chicken. Other species not tested.
FORMAT:	Purified immunoglobulin
PRESENTATION:	Liquid in 0.02M PB with 0.25M NaCl, pH=7.6, 0.1% Sodium azide.
STORAGE/HANDLING:	Maintain refrigerated at 2-8°C in undiluted aliquots for up to 12 months.
REFERENCES:	<ol style="list-style-type: none">1. Bronner-Fraser, M., et al. (1992) Development 115: 197-211.2. Hayashi, Y. et al. (1990) J. Cell Biol. 110: 175-184.

For research use only; not for use in diagnostic procedures.